

### Figure 1

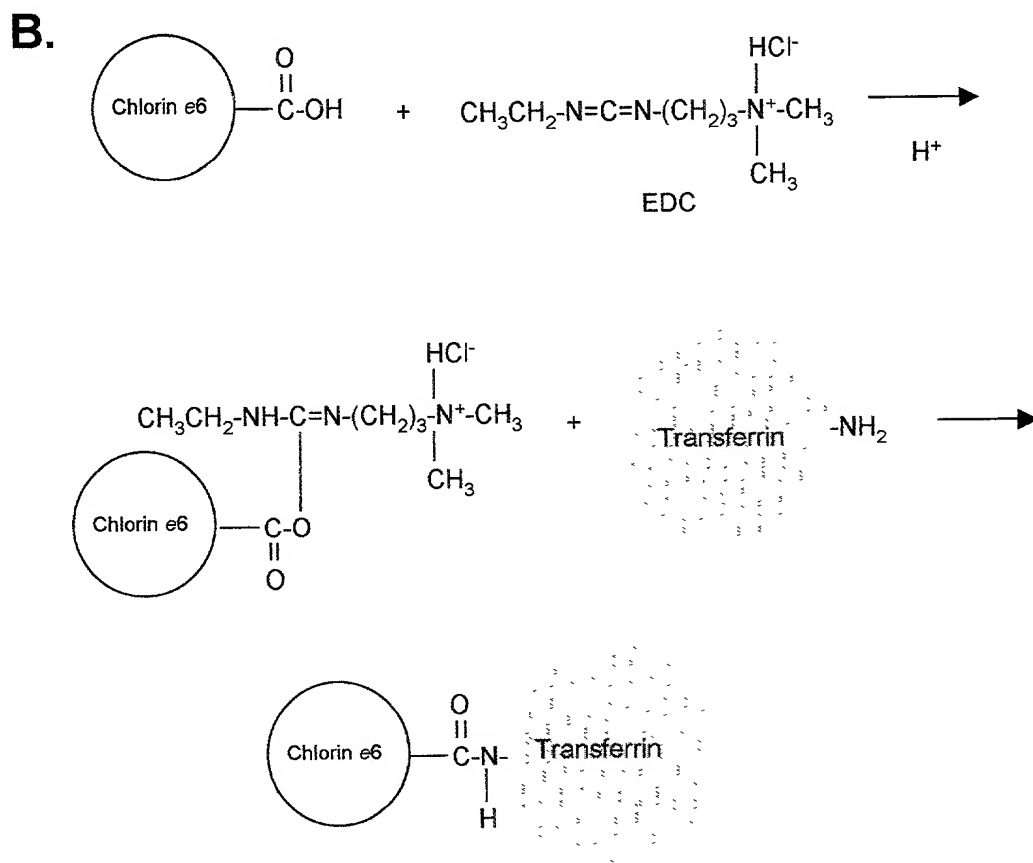
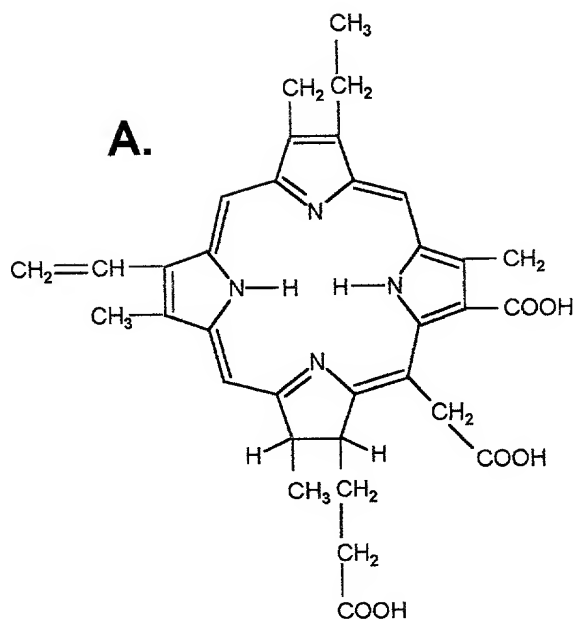


Figure 1 ( of 8 Figures total).

Patent application: *Synthesis, and photodynamic therapy-mediated anti-cancer, and other uses of chorin e6-transferrin.*

Philip Cavanaugh, Inventor

Figure 2

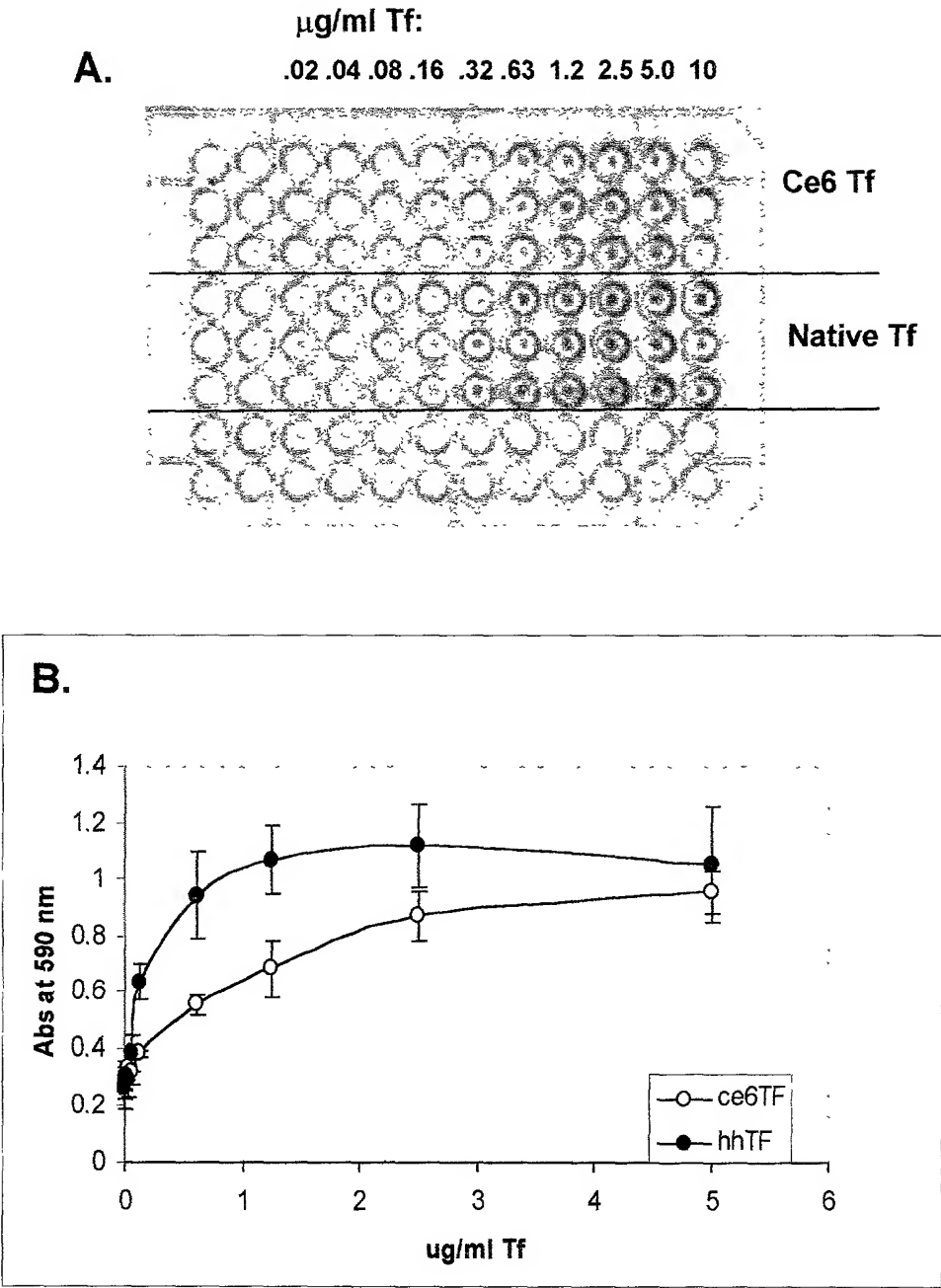


Figure 2 ( of 8 Figures total).

Patent application: *Synthesis, and photodynamic therapy-mediated anti-cancer, and other uses of chorin e6-transferrin.*

Philip Cavanaugh, Inventor

Figure 3

Native Gel Electrophoresis:

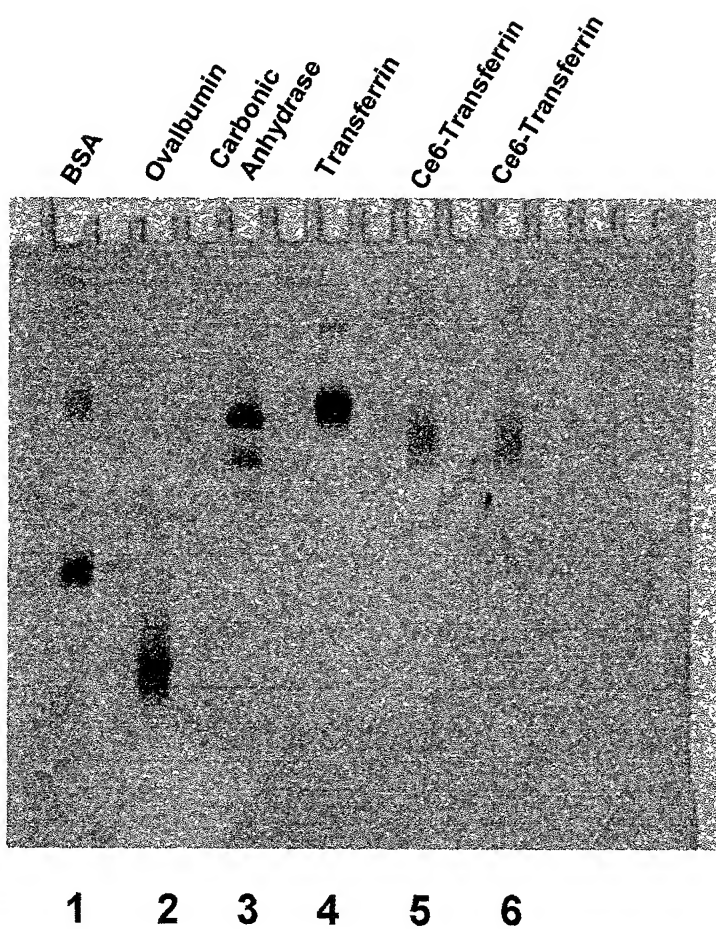


Figure 3 ( of 8 Figures total).

Patent application: *Synthesis, and photodynamic therapy-mediated anti-cancer, and other uses of chorin e6-transferrin.*

Philip Cavanaugh, Inventor

Figure 4

Ce6-Transferrin: Binding Competition  
with FITC-Transferrin

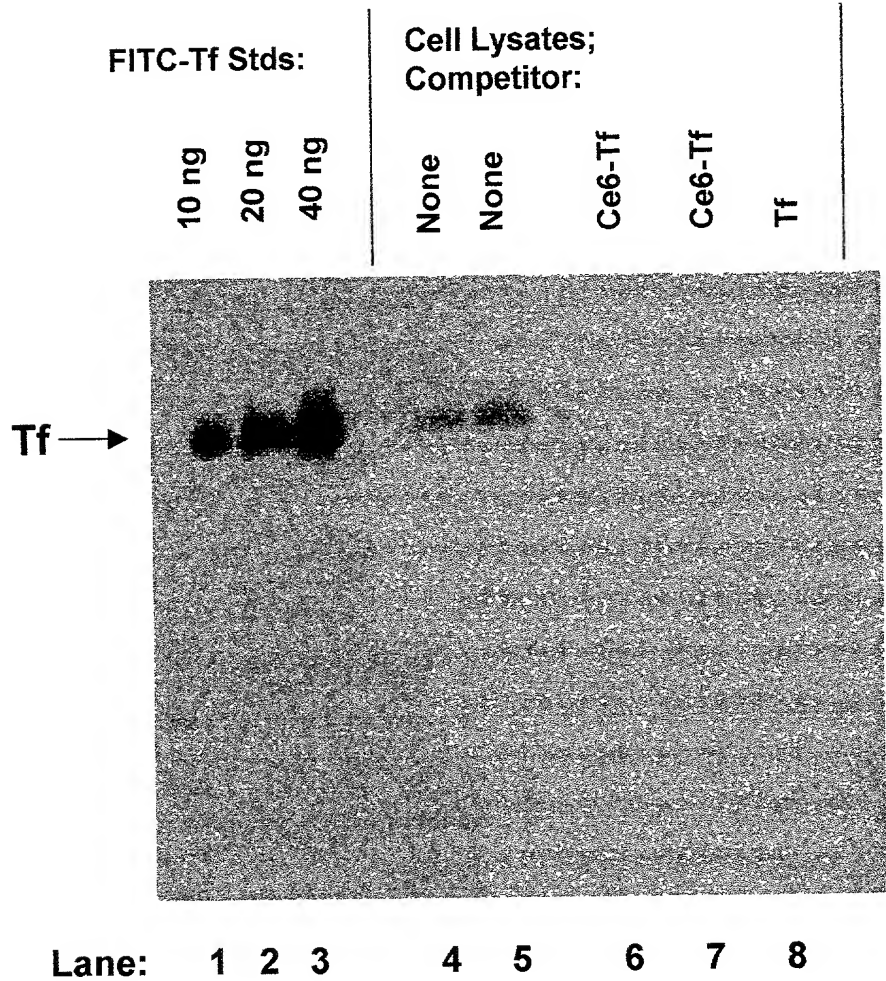


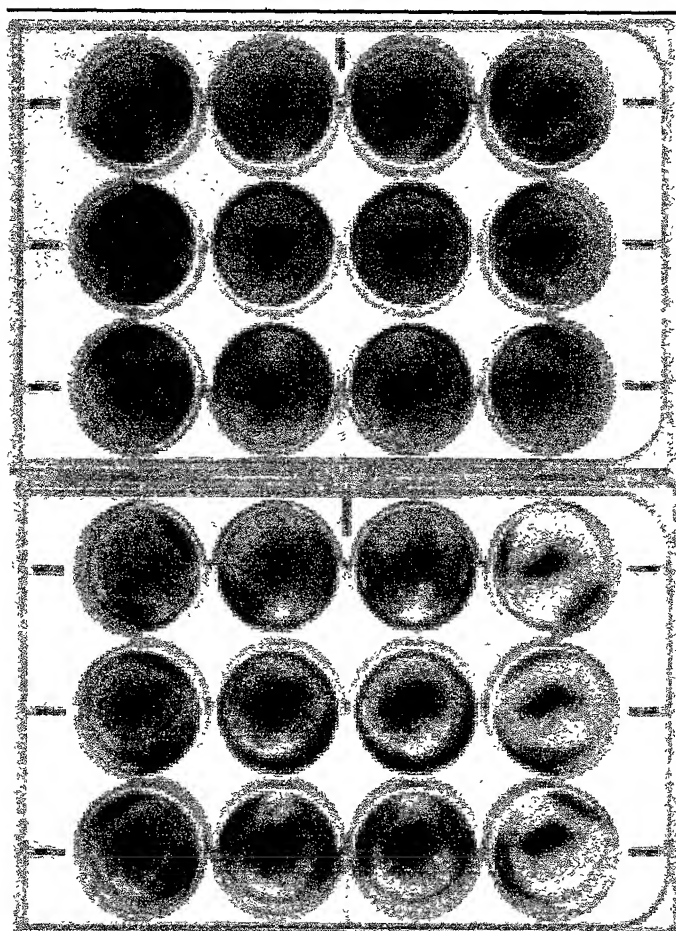
Figure 4 ( of 8 Figures total).  
Patent application: *Synthesis, and photodynamic therapy-mediated anti-cancer, and other uses of chorin e6-transferrin.*  
Philip Cavanaugh, Inventor

**Figure 5**

**Ce6-Tf Effect: MTLn3 Cells**

*Continuous Exposure, Serum-free, 4d*

**A.**



**Dark**

**Light**

Ce6-Tf  
( $\mu\text{g/ml}$ ):

1.25

2.5

5

Native Tf  
( $\mu\text{g/ml}$ ):

5

**B.**

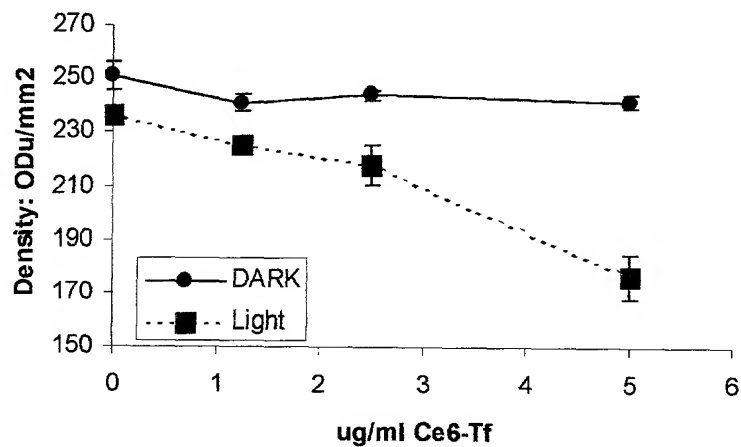


Figure 5 ( of 8 Figures total).

Patent application: *Synthesis, and photodynamic therapy-mediated anti-cancer, and other uses of chorin e6-transferrin.*

Figure 6

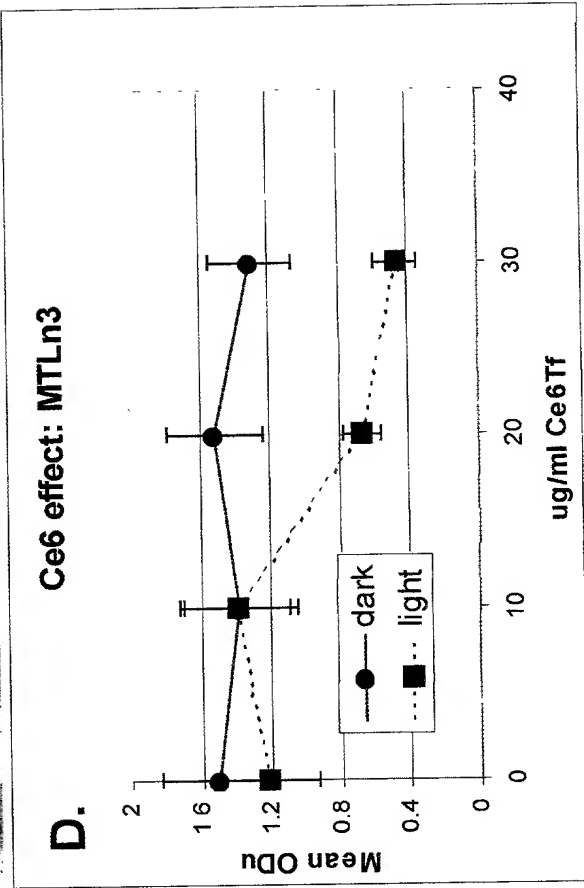
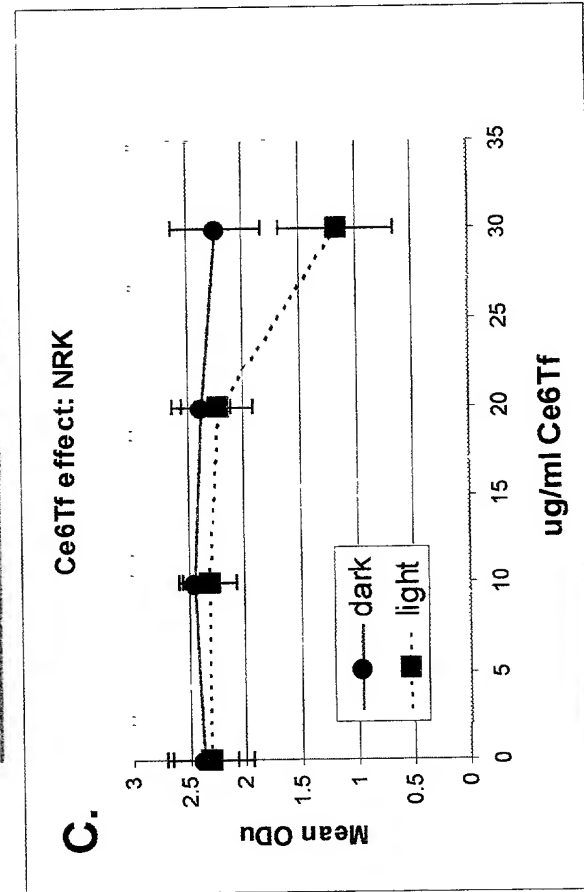
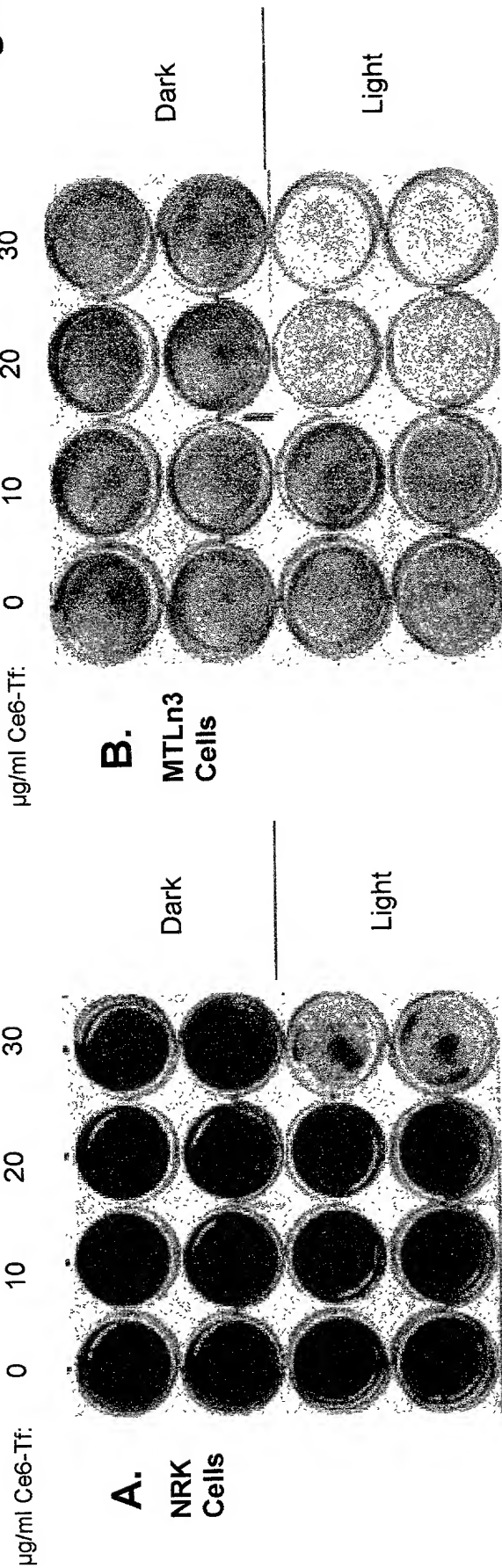


Figure 6 ( of 8 Figures total). Patent application: Synthesis, and photodynamic therapy-mediated anti-cancer, and other uses of chorin e6-transferrin. Philip Cavanaugh, Inventor

**Figure 7** Human MCF7 Breast Cancer Cells: Effect of Ce6-Transferrin:

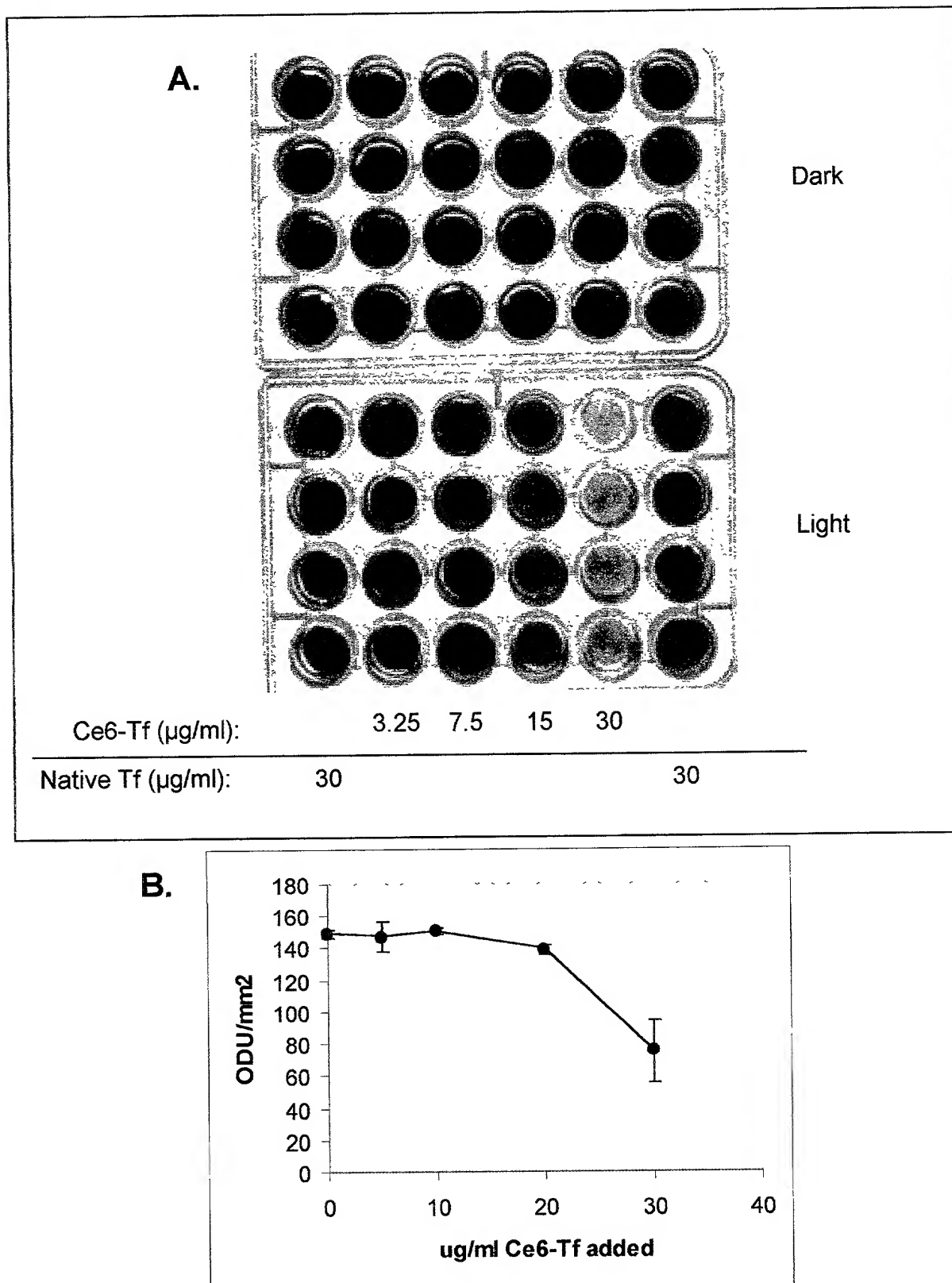
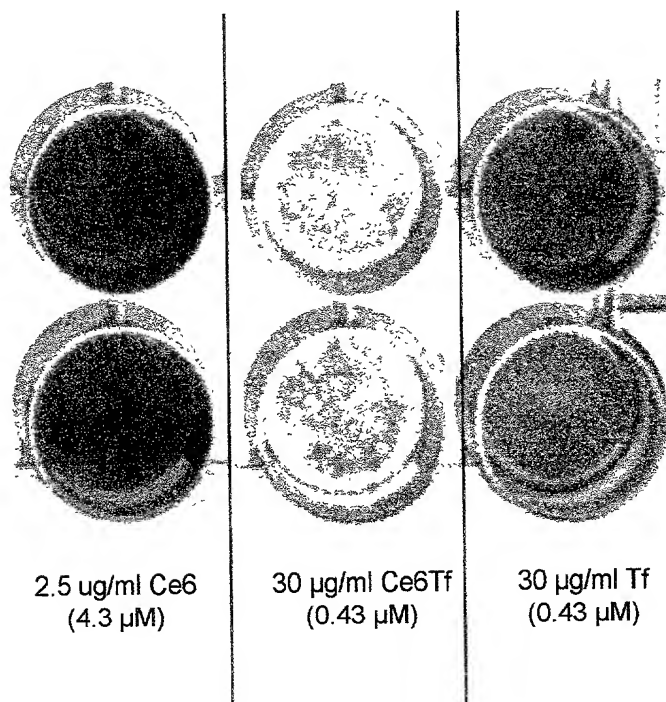


Figure 7 ( of 8 Figures total).

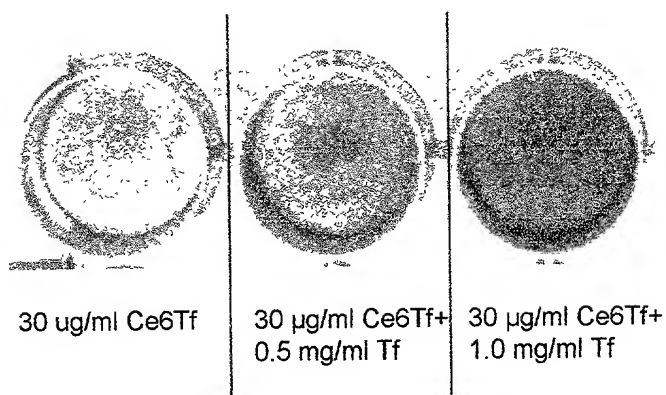
Patent application: *Synthesis, and photodynamic therapy-mediated anti-cancer, and other uses of chorin e6-transferrin.* Philip Cavanaugh, Inventor

**Figure 8**

**A**



**B**



**Figure 8 ( of 8 Figures total).**

Patent application: *Synthesis, and photodynamic therapy-mediated anti-cancer, and other uses of chorin e6-transferrin.*

Philip Cavanaugh, Inventor